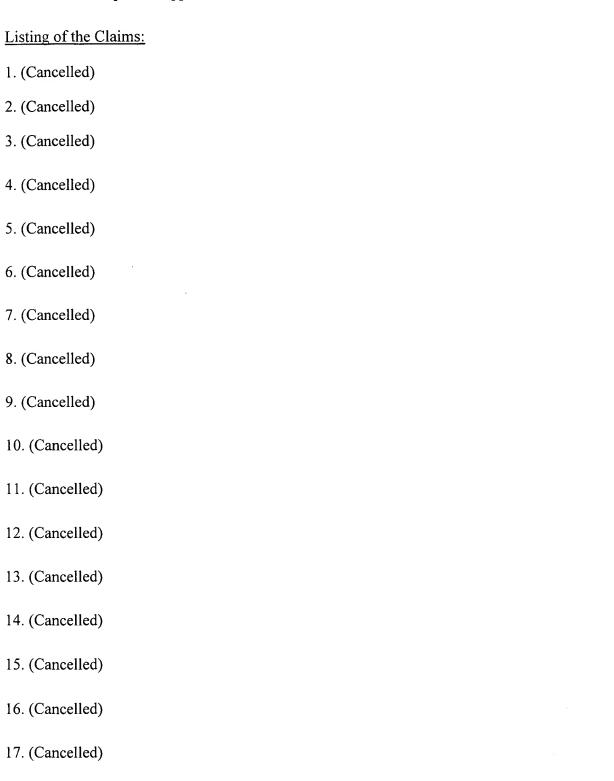
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The following <u>Listing of the Claims</u> will replace all prior versions and all prior listings of the claims in the present application:



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18. (Cancelled)

19. (Previously Presented) A method of isolating a stem cell from a pancreatic islet of Langerhans, comprising the steps of:

(a) removing a pancreatic islet from a donor;

(b) culturing cells from the pancreatic islet under conditions wherein said cultured cells comprise nestin-positive cells which have migrated from said islet;

(c) and selecting said nestin-positive cells from the culture.

20. (Cancelled)

21. (Previously Presented) The method of claim 19 comprising the additional step of:

(d) expanding the nestin-positive cells by treatment with an agent selected from the group consisting of EGF, bFGF-2, high glucose, KGF, HGF/SF, GLP-1, exendin-4, IDX-1, a nucleic acid molecule encoding IDX-1, betacellulin, activin A, TGF-β, and combinations thereof.

22. (Previously Presented) A method of inducing the differentiation of an isolated nestin-positive pancreatic stem cell into a pancreatic progenitor cell, comprising the step of:

treating a nestin-positive pancreatic stem cell with an agent selected from the group consisting of EGF, bFGF-2, high glucose, KGF, HGF/SF, IDX-1, a nucleic acid molecule encoding IDX-1, GLP-1, exendin-4, betacellulin, activin A, TGF- β, and combinations thereof, whereby the stem cell subsequently differentiates into a pancreatic progenitor cell.

23. (Original) The method of claim 22, wherein the pancreatic progenitor cell subsequently forms pseudo-islet like aggregates.

24. (Cancelled)

25. (Cancelled)

Page 4
26. (Cancelled)
27. (Cancelled)
28. (Cancelled)
29. (Cancelled)
30. (Cancelled)
31. (Cancelled)
32. (Cancelled)
33. (Cancelled)
34. (Cancelled)
35. (Cancelled)
36. (Cancelled)
37. (Cancelled)
38. (Cancelled)
39. (Cancelled)
40. (Cancelled)
41. (Cancelled)
42. (Previously Presented) The method of claim 19, wherein said migrated cells from step b form
a monolayer.
43. (Previously Presented) A method of isolating a stem cell from a pancreatic islet of
Langerhans, comprising the steps of:

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- (a) removing a pancreatic islet from a donor;
- (b) culturing cells from the pancreatic islet in a first vessel coated with concanavalin A to separate concanavalin A adherent and non-adherent cells;
- (c) transferring said non-adherent cells from step (b) to a second vessel not coated with concanavalin A;
- (d) culturing cells from step (c) in said second vessel to produce a cell culture;
- (e) selecting a nestin-positive cell from step (d) to produce an isolated stem cell.
- 44. (Cancelled)